BTEC Assignment Brief

Qualification	Pearson BTEC International Level 3 Foundation Diploma in Agriculture Pearson BTEC International Level 3 Extended Diploma in Agriculture
Unit number and title	26: Applied Agricultural Farming Practice
Learning aim	**A:** Explore and maintain healthy crop production
Assignment title	**Healthy Crop Production**
Assessor	
Issue date	
Hand in deadline	
Vocational Scenario or Context	You are working on a large mixed farm and your supervisor has asked you to produce some information about crop production for a display at a local farming event. Your evidence will also include a portfolio of all your practical work in relation to crop production.
Task 1	In preparation for the display at the event you need to gather information about how to maintain healthy crop production. You will put your information together as a practical portfolio. Your portfolio must include: • A written evaluation of the suitability of crop production systems and the parameters that influence the production, management quality, yield and storage of crops. • A detailed rationale covering the characteristics of different crops, purpose of crop production, including their key requirements for crop establishment health, cultivation methods and storage. • Your evaluation must consider the following crop types: - annual - biennial - and perennial cropping systems. • Your evaluation must justify the effectiveness and efficiency of crop production practice and the decisions made. • Evidence of your practical activities in relation to crop production; including crop monitoring, harvesting and storage of a given crop to promote healthy crops. Include evidence of any remedial action that may have been necessary. Evidence should include Observation Records and/or Witness

	Statements, video and/or detailed annotated photographs and a reflective diary/log of activities. Use accurate agricultural terminology and principles throughout your portfolio.
Checklist of evidence required	Practical portfolio, to include written evidence, Observation Records and/or Witness Statements, video and/or detailed annotated photographs and a reflective diary/log of activities.
Criteria covered by this task:	
Unit/Criteria reference	To achieve the criteria you must show that you are able to:
A.D1	Evaluate and justify the effectiveness and efficiency of crop production practice and the impact of crop management and storage on the productivity and quality of the system
A.M1	Analyse the parameters that influence the production, quality and yield of crops
A.M2	Apply competent management principles for the production of healthy crops, including remedial action
A.P1	Explore the characteristics of different crops, key requirements for crop establishment and cultivation methods
A.P2	Safely carry out crop monitoring, harvesting and storage of a given crop to promote healthy crops

Sources of information to support you with this Assignment	**Books** Dorling Kindersley *The Business Book: Big Ideas Simply Explained* (Dorling Kindersley 2014) ISBN: 978 - 1409341260 IAgSA *Farm Office Handbook* (Old Pond Publishing 2017) ISBN: 978 – 1910456576 MacHer R. *Making Your Small Farm Profitable* (Storey Books 1999) ISBN: 978 – 1580171618 Nutthall P.L. *Farm Business Management: Analysis of Farming Systems* (Cabi Publishing 2011) ISBN: 978 – 1845938398 Nutthall P.L. *Farm Business Management: The Fundamentals of Good Practice* (Cabi Publishing 2016) ISBN: 978 – 1780646572 Pettinger R. *Business Studies for Dummies* (J.Wiley & Sons 2013) ISBN: 978 - 1118348116 Salatin J. *You Can Farm: The Entrepreneur's Guide to Start & Succeed in a Farming Enterprise* (Polyface Inc. 2006) ISBN: 978 – 0963810922 Shanks J. *The Farmer's Office: Tools, Tips and Templates to Successfully Manage a Growing Farm Business* (New Society Publishers 2016) ISBN: 978 – 0865718166 Turner J. *Applied Farm Management* (J.Wiley & Sons 1998) ISBN: 978-0632036035